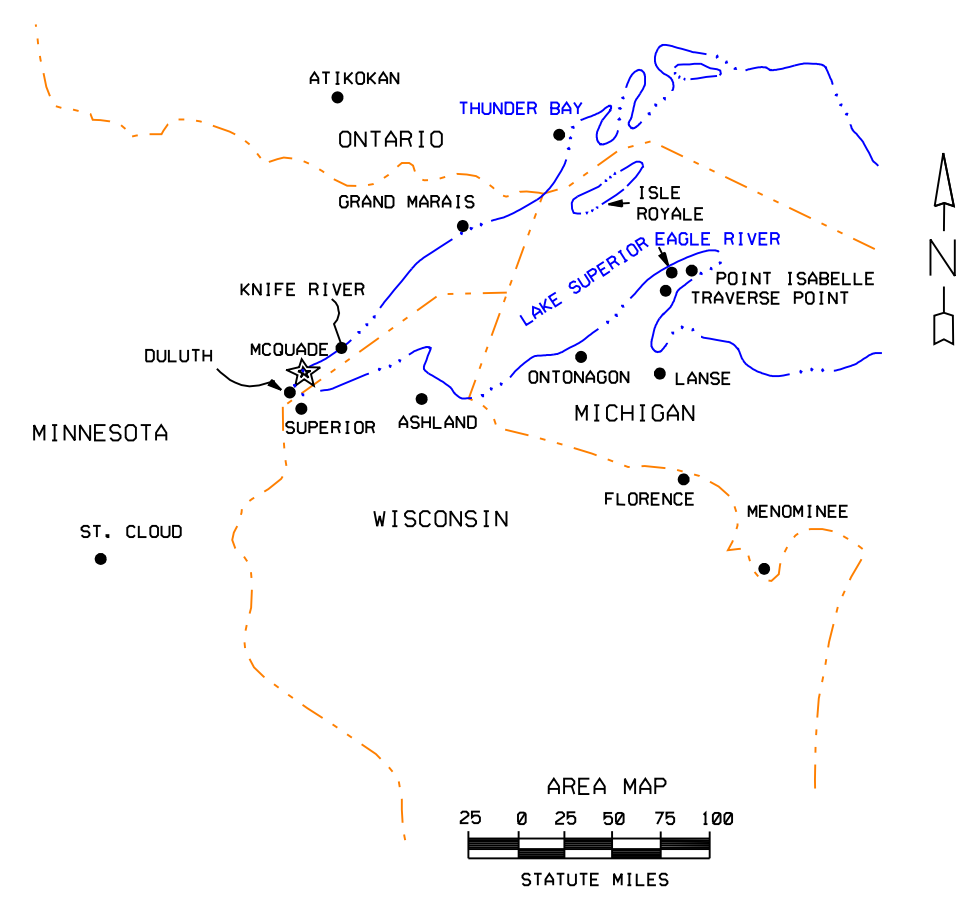


LAKE SUPERIOR



- NOTES
- 1) THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS PRESENT AT THAT TIME.
  - 2) ALL SOUNDINGS ARE IN FEET AND ARE REFERENCED TO LOW WATER DATUM ELEVATION 601.1 ABOVE MEAN SEA LEVEL, I.G.L.D. 1985.
  - 3) DEPTHS FOR THIS AREA 4' & LESS IN RED
  - 4) THE GRID COORDINATE SYSTEM SHOWN IS REFERENCED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM, LAMBERT PROJECTION, NORTH ZONE (2201), NORTH AMERICAN DATUM 1983 (NAD 83), US FOOT.
  - 5) THE LOCATION OF NAVIGATION BUOYS REPRESENTS THE GENERAL LOCATION ON THE DATE OF THE SURVEY AND CANNOT BE CONSIDERED FOR NAVIGATION.
  - 6) THE SURVEY SHOWN WAS CONDUCTED BY DC GOLTZ, CIVIL ENGINEER TECH DURING 18 OCT.. 2018 USING DGPS POSITIONING, AN INERSPACE 448 SOUNDER, AND A HYPACK AUTOMATED HYDROGRAPHIC SURVEY SYSTEM.
  - 7) THE BASE MAP FEATURES DEPICTED ON THIS MAP WERE DIGITIZED FROM EXISTING CHARTS AND ARE OUTDATED AND INACCURATE.

LEGEND

- HORIZONTAL CONTROL POINT
- SHORELINE
- PROJECT DEPTH CONTOUR
- NAVIGATION LIGHT

COMBINED GRID SCALE FACTOR = 0.99996907  
GRID DIST. DIVIDED BY COMBINED GRID SCALE FACTOR = GROUND DIST.

1" = 50'

NO.	DATE	REVISION	BY
U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN			
MCQUADE SAFE HARBOR MINNESOTA			
CONDITION SURVEY - OCTOBER 2010			
DESIGNED BY:*	DULUTH AREA OFFICE DULUTH, MN		
DRAWN BY:*	APPROVAL RECOMMENDED:*		
CHECKED BY:*	DATE		
REVIEWED BY:*	CHIEF, OPS. BRANCH		
SUBMITTED BY:*	CHIEF, CONST.-OPNS. DIVISION		
APPROVED:*	1" AS REQUIRED BY ENGINEERING CIRCULAR 1110-1-763		
SCALE AS SHOWN 1" = 50'		DRAWING NUMBER	
CADD FILE NAME:MCQUADEC10.DGN		SHEET 1 OF 1	